

1902

Texas
New Mexico



Vernon Bailey
Dept. of Agl.
Washington, D.C.

1902

Residence 1834, Kal. Ave.

1902

June 6 Left Washington 4:15 P.M.
via B&O for Jefferson, Tex.

June 7,

Cincinnati about 9 a.m.

St. Louis 4:45

Left St. Louis 8:20 P.M.
via Iron Mtn. R.R.

June 8, Little Rock, ~~2:25 P.M.~~

Arkadelphia

Passer domesticus com.

Tyrannus tyrannus -

Cotton 6-10 inches high

Corn 1-3 feet -

Few flowers, foliage dense.

Gardens

Fulton

Sabal -

Baptisia

Texasana

Jefferson, Tex June 8.

<i>Agelaiites vociferus</i>	2 hrs
<i>Colius</i>	com
<i>Cophaeus pileolatus</i>	long wood
<i>Melanerpes erythrocephalus</i>	com
<i>Swift</i> *	abn
<i>Zenaidura</i>	com
<i>Sialia sialis</i>	com
<i>Mimus carolinensis</i>	com
<i>Icteria virens</i>	com
<i>Piranga rubra</i>	com
<i>Geothlypis trichas</i>	15 com
<i>Spizella socialis</i>	com
<i>Verio olivaceus</i>	"
<i>Turdus</i> wood	com
<i>Tyrannus tyrannus</i>	com
<i>Passer domesticus</i>	abn. in town
<i>Cyanocitta</i>	com
<i>Zolos sparrowis</i>	2
<i>Trochilites</i> ?	
<i>Cathartes aura</i>	com
<i>Corvus am-</i>	com wood
<i>Sturnus vulgaris</i> ?	4

<i>Pohoplis carolina</i>	com
<i>Cardinalis</i>	"
<i>Mniotilla varia</i>	2
<i>Develioica</i>	
<i>Parus</i>	
<i>Mimus polyglottos</i>	com
<i>Coccyzus</i>	spur wood
<i>Thryothorus ludovicianus</i>	com
<i>Ardea caerulea</i>	2
<i>Tantalus loculiferus</i>	5
<i>Contopus virens</i>	com
<i>Mimus polyglottos</i>	"
<i>Progne subis</i>	5
<i>Passer domesticus</i>	abn.

June 9

<i>Chondestes</i>	1
<i>Cyanospiza cyanea</i>	com
<u>June 10 at Richard Cranes</u>	
<i>Icteria miss-</i>	2
<i>Redstart</i>	2

June 11 - Richard Cranes.

Vireo - white eye, com, nest & eggs

Myioarchus crinitus com.

Dendroica prairialis ^{Ward}

Ardea catamela -

^{at bay}
Bill, skin and eyelids bluish,
iris white, legs & toes black
with yellowish webs & joints.
Stomach, 34 frogs, 7 fish, 13 crustacea,
Eunicees
~~1 Salamander~~, 1 cricket, 1 dragonfly,
1 spider, 1 grasshopper.

Tantilla lateralis

Bubo

Syrmium

Antrostomus

June 12

Melanerpes carolinensis, com.

Dryobates borealis

June 13

Coleptes curvirostris 1

Sitta carolinensis 1

Chordiles a few

Empidonax

Icterus spurius

Querula cyanea -

Tupferson

Quercus phellos

" nigra

" alba "

" macrocarpa? com

" falcata?

Pinus taeda

" mitch

Juniperus

Taxodium

Liquidamber

Nyssa

Betula

Populus

Salix

Pandocacia

Ulmus

Hickory

Walnut

Chineapin

Sycamore

Crab apple,

Cratagus
Prunus americana?
" dwarf plum

June 14-5 Marshall.

June 16 Marshall 4:25
Washburn - prairie good.
~~Spokane~~

June 17

Notes at Logansport

Over to Joaquin - & to
Limpson & back to
Joaquin

June 18

Pinus mitchii

.. teda

Taxodium

Tremperes virginianus

Quercus nigra

" alba

a falcata

a *Pygata*

"sin oak"

† primus

1

Liquidambar
Nyssa

Salix
Chionopis
Persimmons
Ilex opaca
" *decidua* ?
Acer
Bronwood
Blue beech
Carinus florida
Magnolia
Crataegus
Ulmus americana
" *Crassifolia* ?
Hickory
Juglans nigra
Sycamore
Vitis 3
Zeroma radicans
Clematis
Passiflora
Smilax
Rubus - 2 blackberries
Vaccinium
Gallaesuccia

Sambucus
Phytolacea
Podophyllum
Baptisia

Tougueum, Tex. Jr. 118

Ardea carunculata com
" herodias? reported
Colius ib. com.
Zenaidura com
Cathartes "
Sute
Falco sparverius 2
Syrnius hard
Coccyzus mississ., com
Dryobates hard
Milanerpes carolinensis com
" erythrocephalus
Colaptes cafer auratus - 2
Iyanocitta com
Icterus tullospinus 1
Chimney swift, com.
Progne subis com
Vireo olivaceus "
" white eye "
Dendroica flaviventer "
Cyanopterus venens com
Empidonax ?
Myiarchus crinitus com

Sitta carolinensis 1
Polioptila caerulea com
Mimus polyglottos "
Parus carolinensis "
" bicolor? "
Siabia dialis com
Minotilla varia, feeding young
Cardinalis com
Piranga rubra "
Tyrannus tyrannus 1
Antrostomus hard
Spizella socialis, com.
Passer domesticus com in town

June 20

Joaquin

Timpson

more hilly, red soil,
Mating doves.

Angeline R.

Seabat - along rivers.
Spanish Moss, a little
Lufkin.
Stopped at Butterback House.
Same kind of country

June 21 -

Lufkin - 9:45 a.m.

Zavalla

Pinus palustris - begins
10~~2~~ mi. N. of Zavalla -

beautiful part of it

Rockland - + river

hilly, rocky, creeks,
clear springs, grass.
Good country, bad town.

Columncit

still hilly

Carrolls

still hilly & rough
Woodville

Varren -

Good locality to work
Georgia pine, open
country, creeks, grass

Edge of prairie, about
15 mi. N. of Beaumont
Beaumont.
at Crosby Hotel

June 22

Baumont to Sabine Pass
Ricefields below Gladys
near which is
only a side road, a town
in distance - good
place to go for day hunt.

Taylor's Bayou - near
Port Arthur - a good
location for salt marsh
+ bayous - probably a
place to stay - at
little hotel or section house

June 22

<i>Quiscalus</i>	co
<i>Aquaticus</i> + yg.	co
<i>Xanthocephalus</i>?	+
<i>Sturnella</i>	co
<i>Otocoris</i>	3
<i>Chrodius</i>	abu
<i>Rallus</i>	8
<i>Ardea caerulea</i>	co
" <i>viridicollis</i>	2
<i>Sympetrum</i>	com
<i>Progne subis</i>	co
<i>Anodramus?</i>	big + dark
<i>Tyrannus tyrannus</i>	co
<i>Himantopus mexicanus</i>	2
<i>Passer domesticus</i>	com
<i>Ptilocrocorax</i>	1
<i>Cistothorus</i>	co
<i>Ardea herodias</i>	1
<i>Cathartes aura</i>	co
<i>Cathartes</i>	"

Lobings

Salt grass, *Sisyrinchium*
Salicornia
Suaeda
Heliotropium
Atriplex
Baccharis

- composite ran

June 23

Prairies westward

Prairie & groves

Prairie plants

Septentaria 2

little laurel like bush

Cone flowers

Red beakias

Grevillea

big white wallow!

purple flowered

square pod bean bush

Many grasses

Grove, or matt, species
Post oak
live oak
Liquidambars
white stem of sweet tree
Gray moss
Sabal
in places *Pinus* *Taeda*

Chiricahua a nice little town
on big prairie in nice
fields - good to work.
Lots of roads, timber
ways to the north.

Sour Lake - Station & store
& hotel? on good
prairie near edge of timber

west of San Saba are
covered by *P. palustris*?
mixed with the groves
& timber strips or in
solid, round mounds.

Ragwood, on big
prairies - rice all around.
Liberty at edge of
woods, cypress.
the best woods I ever saw
wide bottom lands around
to Dayton -

Edges of prairies again
reaches far north
Pines, tall in groves

Croby

San Saba R.
woods - magnolia
cypress pines tall,
gum, oak

<u>Breamont & Houston</u>	
<u>Birds</u>	
<i>Ardea caerulea</i>	an
" <i>virens</i>	"
<i>Rallus</i> ? big	an
<i>Antro</i>	1
<i>Cathartes</i>	a few
<i>fratriculus</i>	"
<i>Leverida</i>	an
<i>Colius</i>	a few
<i>Sturnella</i>	an
<i>Quiscalus</i>	11
<i>Auriparus</i>	"
<i>Tyrannus tyrannus</i>	"
<i>Haem. polyglottos</i>	"
<i>Progne</i>	"
<i>Anisognathus?</i>	"

Houston

<i>Molothrus ater</i>	3
<i>Milvulus</i> 2 ad + 3 ygg.	
<i>Alticus spinus</i>	2
<i>Chondestes</i>	an
<i>Passer domesticus</i>	an.

June 24 -

Houston - Hotel Zigar 12 AM

Prosopis juliflora & *hei-*
n. pubescens a pest

Georgy's hills on, edge of town
no more to Richmond

Pine trees & oak seen about
a mile 1/2 mi. W. of Houston

mostly prairies

Richmond -

Headsack first seen

East of Liquidambar

Leslie all prairie

Eagle Lake

dry prairie with short grass
fires burning

Atchison -

Scrubby live & post oak
timber loaded with moss
on mesquites.

Colombia & Colorado R.

Splendid live oaks & walls
more mesquites

Scrubby timber, or openings of
live & post & black oak.
Other low trees in Col. R. Val.

Warren - mainly prairie
dry but many good farms
of cotton, corn, & other grain.

Seamanburg dry prairies

Engle -

Flatonia

More mesquites, grass very
bushy, corn dried up

Wilder

Lots of mesquites - red and

Haswood

June 25 - San Antonio

Huisache abn

Prosopis juliflora "

Taxodium aculeata "

Center Point 12 M

Taxodium

Juniperus

Audrea virginiana

" *nigra*

"

"

"

"

Platina a few

Prosopis juliflora

Lillandsia recurvata abn

Kerrville - the preceding &

Celtis

Diospiros tex

Ulmus crassifolia

Cordalea?

Center Point

June 26 & 7

Agelaius *voivina* com
Colinus *texianus* "
Zenaidura "
Icardapela *ineca* "
Cathartes *aura* "
Catherina *atata* "
Buteo *b. calurus* 1
Melanerpes com
Dryobates *subarcticus* "
Milvulus "
Mixiarchus
Contopus *viridus*? 1
Corvus bad
Cyanocitta? 1
Molothrus 2
Piranga *rubra*? com
Chondestes — abn
Petrochelidon com - breeding
Ceryle *alcyon* 1
Trochilus ♀ 1
Icterus *spretus* a few
Icteria *viridis* "

Progne *subis*? abn
Mimus *polyglottos* abn
Thryomanes 1 pair, nesting
Parus *carolinensis*? com
Parus *biolor*? "
Cyanospiza *vermiculata* "
Cardinalis *cardinalis* "

June 29 Kerrville -

Coccyzus *americanus* 1
Spizella *pusilla*? com
Ardea *viridicollis* 1
Antrostomus *macrourus*? 1

June 30 Moved camp up near

Ingram

July 1, over to Larch -

On top of ridges

Juniperus

Quercus

"

"

"

"

"

"

Circis

Prunus pensylvanica

Viburnum lentiforme ?

Xanthoxylum

Celtis

Juglans rupestris - sandy base

Ceanothus

Mimosa biuncifera ? species

Amelanchier

Rhus toxicodendron

"

Burmelia ?

Smilax

Vitis

10 species

Amorpha eisenharto

On limestone cliffs

Morus celtidifolius, dwarf
Garcia

Yucca whipplei

Cereus

"

Acacia

360

In gulches

Fraxinus viridis berlandieriana

Quercus

Tilia

Ptilia

June 29 - July

Kerrville & Ingram

Ardea virsina com
Aegidites vociferus -
Colinus texensis, y. juv.
Zenaidura macroura com
Coturnis aura -
Catheristes atrata -
Buteo b. calurus a few
Chordeiles com
Ptalionostilus -
Antrostomus "
Trochilus" "
Ceryle alegon
Ceryle cobanensis 1
Coccyzus americanus com
Melanerpes com
Geococcyx "
Dryobates s. bairdi" "
Empidonax "
Contopus virsina ? "
Sayornis phoebe ? "
Myiarchus crinitus com
Milvulus fasciatus "
Molothrus "
Icterus chrysater 5 com

Astragalinus fealtræa com
Passer domesticus in town.
Chondestes abu.
Spizella arizonæ ? com
" " *pallida* ? a few.
Pipilo chlorurus 1 or more
Cardinalis abu.
Grinnæa a few.
Cyanospiza ciris com.
Piranga rubra ? "
Amphispiza cedrorum hard "
Progne subis "
Pitrochelidon nests. "
Trochilus flavipennis, ske., "
" *atricapillus* " hard.
Dendroica dominica ? sp. com
" *chrysoparia* a few.

Geothlypis formosus 1
Midilla varia com

Icteria virens ? com
Mimus polyglottos " abu.
Catherpes 1

Kerrville & region

Generally distributed species

Quercus - several species

July 7 Camp 87 mi

Kerrville 1660

Camp 1760

Next fork above Johnson Fork 2000

Camp 15 mi. W. of Laponia 2150

Cypress end at fork at 2000

Mesquites " " "

July 8

15 mi. W. of Japonica - 2150

Quercus *rubra*
" *angustifolia*
" *grandiflora* - a few
Opuntia *argophylla*
" *arborescens*
Echinocactus
Cereus *parviflorus*?
" *leucacanthus*
Dasylyrion
Nolina
Martyniella
Juniperus
Buxus *lycoides*
Ingens *rupicola*
Arbutus *texana* tree
Platinus
Calis
Cirris
Cypadrum
Zoniera
Symplocarpus
Rosa
Rhus *toxicodendron*
" *aromatica*
" *allata*?
Forstera
Prunus *hog plum*
Benzoin

July 10

2493.

Left camp 9 AM - 2050

Lunch - 15 mi. 2450

Cimphispiza bilineata 2300

Penaea cassini abn. "

Pipilo mesoleucus "

Stornella ^{+ yg.} abn.
Camp 25 mi. dry camp 2400

July 11

Camp - 25 mi. 9 AM. 2400

Thomomys

Came 18 mi. Camp 2650

July 12 - Camp. 9 AM, 2600

Rock Springs 11 mi. 2700

Correct altitude 2520

Out to Wades Ranch 7 mi.

south. 2400

July 13 down to Hackberry C.

Corvus ~~crux~~ ~~rot~~ about.

Pear

Quercus ^{remota} ~~provo~~

" ^{texana} ~~coccinea~~ + spic-

" ^{laceyi} - spec-

Ulmus crassifolia

Platynus

Prunus pensylvanica ?

Quercus undulata - spec.

Quercus fuscipennis ^{virginiana} - spec.

July 15 to Rock Springs. 2500

Mesilla quail - 2 wanted - com.

Camp - 2 mi. out 2475

July 16. Camp 8:30 A.M. 2475

10 mi.

Larrea * mainly
a low Sonoran
basis

Mesquites - abu.

Rhus microphylla

Ocotilla 3 species

Besleria triplista

Zizyphus obtusifolia

Ephedra nevadensis

Ceanothus

~~Olea~~

Opuntia leptocarpa

Spermophilus

Amphispiza

Holura texiana abu

Yucca strida

Yucca reflexa

Lanius

Myiochanes auriceps

Lunch 1/4 mi. 2500

Conoclea spathulata

Lippia

Camp - 2600

July 17. Camp 8:30 A.M. 2550

to near Wheats 2600

Down draw to 2300

over ridge 2400

Night camp, 27 mi., 2450

Agave lechuguilla

July 18 Camp 8:00 2400

On ridge 2500

~~open draw~~ Robertina

Hesperaloe

~~Yucca~~ macrorhiza

Festuca angustifolia

Chilopsis

Beaver tail 2000

Juncus "

July 19 Camp 1900

Juncus "

Soam Dwight R. 13 mi. 1700

Camp at source of Dwight R.

July 20 - Sunday

At camp all day -

Devils River - July 19 -

Anhinga 1 ad
Anhinga collaris 2^{ss}
Ardea herodias 1
" *virescens*, typical, a few
Myctocarax violacea 1
Heliobrunnus sotitaris, 2
Actitis macularia com
Aegialitis vocifera " "
Colinus v. texensis "
Callipepla squamata a few.
Columbinae 2
Zenaidura + nests com
Cathartes "
Cathartista "
Buteo b. calurus a few
" *abbreviatus* ,
" *swainsoni*
Falco sparverius ,
" *mexicanus*
Megascops com
Bubo heard
Geococcyx com.
Coccyzus "
Croch. aleyon 1
" *septentrionalis* com

Oryzobates r. bairdi com
Melanerpes aurifrons ..
Ptilaenophilus "
Chordeiles "
Trochilus "
Muscivora forficatus "
Myiarchus cinerascens "
Contopus virens "

Eupidonax
Sayornis phoebe, 1 heard,
Molothrus ater com
Icterus spurius "
"
Chrysococcyx poecilas com
Chondestes "
Amphispiza bilineata com
Aenophila "
Pipilo mesoleucus "
Cardinalis
Pyrrhuloxia
Guiraca
Cyanospiza varia? com.

Plants Devil's River.

<i>Cyanospiza versicolor</i> , I. Subsp.	
<i>Piranga rubra</i>	com
<i>Progne subis</i> ?	,
<i>Vireo olivaceus</i>	com
" <i>flavifrons</i>	?"
" <i>norfolkensis</i>	?"
" <i>atricapillus</i>	?"
" <i>buttoni</i> ?	"
<i>Petria v. longicauda</i>	"
<i>Dendroica</i>	"
<i>Sciurus n. notabilis</i> ^{July 18}	"
<i>Minus taenioglossus</i> abn	
<i>Heliodoxa virencipilla</i> com	
<i>Catherpes</i>	"
<i>Thryothorus ludovicianus</i>	"
<i>Thryomanes bewicki</i> ?	"
<i>Arripornis flaviceps</i> nests	"
<i>Polioptila</i>	"
<i>Parus bicolor tex</i> ?	"

<i>Prosopis juliflora</i>	<i>Pithecellobium t. mollis</i>	con
<i>Eysenhardtia anomphoides</i> , con	<i>Phytolacca</i>	
<i>Crois occidentalis</i>	<i>Clematis</i>	
<i>Hoffmannseggia oxycarpa</i>	<i>Lippia</i>	
<i>Mimosa borealis</i>	<i>Baccharis angustifolia</i>	
<i>Leucaena fulvohirta</i>		
"	<i>Agave lechuguilla</i>	
<i>Acacia roemeriana</i>	<i>Yucca macrocarpa</i>	
<i>Dalsa</i>	" <i>rigida</i>	
<i>Sophora secundiflora</i> con	" <i>capicola</i> - ?	
<i>Forestiera angustifolia</i>	<i>Hesperaloe</i>	
<i>Condalia spathulata</i> ?	<i>Dasylium</i>	
<i>Zizyphus obtusifolia</i>	<i>Notocactus</i> - ?	
<i>Koeleria</i>	<i>Opuntia engelmanni</i> , big	
<i>Rhus virius</i>	"	little
" <i>microphylla</i>	" <i>brown spined</i>	
" <i>Toxicodendron</i>	" <i>geocarpus</i>	
<i>Ceanothus</i>	" <i>tessellata</i> <i>lyticus</i>	
<i>Ephedra nevadensis</i>	<i>Cereus gauchoanus</i>	
<i>Smilax</i>	" <i>avegantus</i> ?	
<i>Vitis</i>	<i>Mamillaria huastecae</i> ?	
<i>Cucurbita</i>	" <i>little</i>	
<i>Watsonia</i>	<i>Echinocactus laevigatus</i>	

Echivaceae

Euphorbia - hafss, arodes
at ill

atrichly

Argimone

Xanthium

July 24 - Camp 8AM 1725

Last crossing river 1650

Top of mesa 1850

Constance 1800

" correct altitude 1550

July 25, Camp, ~~an~~ at 1710

Comstock aroid stat 1710

Lunch 5 mi. 1600

Tarrea

Dalea - species

Cecidomyia constructa

" straight lines

Kramidia *angustifolia*

River Camp, S.W. 1458

Pistacia mexicana Schneid.

Nicotiana glauca 4

Ärmodinare

Bacccharis

1

Valentine

July 31, Recd friz.

Cirrocalydon 1

Isomys leucogrammus 1 pair

Antrozous macrourus 1

Carpodacus a few

Columbigallina said to be

Cyrtonyx x a few

Falco mexicanus & nest

" " farm birds

Buteo swainsoni com

Prosopis a few large bushes

Acacia constricta " " "

Kebeslinia " " "

Lizyphus " " "

" " "

Microtis hammonis common

Graminea canescens "

Molina tigana "

Yucca stricta "

" " " microcarpa, scarce

Miscanthus biuncifera "

Grass - abundant

Aug. 1. to Painted Caves.

To Langtry.

Aug. 3 Left Langtry 4 PM

Aug. 4 - Valentine

Aug. 6 - Donald arrived



Valentine

July 31, Pecos Bridge

Circus aeruginosus 1
Torosaurus verisimus 1 pair
Antrostomus maculatus 1
Corporis as a few
Columbinae sandvicensis

Cortanyx x a few
Falco mexicanus & nest
" *parvus*

Buteo swainsoni com.

Prosobis a few every bush
Acacia constricta " " "
Krebsinia " " "
Lizaphus " " "

Microchaemos comon -
Krameria canescens " "
Nolina texana " "
Yucca stricta " "
" *microcarpa*, scarce
Mesquite bicolor " "
Grass - abundant

Aug. 1 to Painted Caves.

To Langtry -

Aug. 3 Left Langtry 4 PM

Aug. 4 - Valentine

Aug. 6 - Donald arrived

Valentines Aug. 4 -

Bartramia Aug. 8, 3. First
Aegithus vociferus com
Aetites naevularia (Donald)
Numinous long - said to be
com. later
Zenaidura com
Cathartes aura 4
Speotyto Imm. out - a
Corvus cryptoleucus, com +
young nests - freq.
Sturnella longirostris (freq.) com.
See old & its young, specimens
Molothrus ater - com
Chondestes
Calomosfiza - 5 Aug. 9
Pica cassini, abn. breeding
+ in full song -
Passer domesticus, com. in com
Chlidonias - com
Aug. 14
Leucosticte 1
Macrorhynchus 1, ♂
Accipiter
Golden eagle 1
Otocoris 2
Numinibus 1 Donald
Ardea herodias imm. 1 "

Aug. 9. Out to Col. Finch

Valentines 4424 - rauch 5424
Cathartes
Buteo b. calurus
Falco sparverius
Bubo 1 v. y.
Aquila chrysaetos 1
Zenaidura com
Columbia fasciata 4 - Aug. 10.
Mimus polyglottos com
Chondestes "
Salinctes "
Totanus ? com
Pipilo maculatus "
Catolope 1
Aphelocoma com.
Harporhynchus "
Amphispiza bilineata a few
Sayornis saya 1
Tyrannus vociferans com
Campylorhynchus, nest in cactus
Guaranaea com.

Up Livermore Aug. 13

Amphispila
Pooecetes phobus
Thryothorus
Pipilo maculatus? heard
Trochus similis 1
Columba fasciata com
Micropus melanurus "

Falco sparverius 1
Cathartes aura
S. alpinus
Catherpes
Colaptes
Aphelocoma

Findings of mts

Duerens blue & com
" black "

Tacora stans (on rocks) "

Criolopsis (in wash) "

Adolphus infestus com
Prosopis - a few on hillsides
Zizyphus " "
Touquira " "
Opuntia engelmanni " "
Opuntia arborescens com
Manilinia hydei "
Cereus pachanoi "
Echinocactus horizonthalonius "
Yucca stricta "
" *moewa* "
Dasyphirion "
Microseris "

Aug. 12. Fishy Ranch

Bones under Debo nest

Lepus arizonæ

· *texianus*

Neotoma micros

" *mexicana*

Cratogeomys

Dipodomys spectabilis

Perognathus ?

Peromyscus

Oryzomys

Spilogale

Bat 2?

Horned owl

Snake

Bird - 1 mandible of chicken?

Insects skulls + legs galore.

$\frac{3}{4}$ of total *Lepus arizonæ*

Aug. 13 W. Livermore

Juniper	245	5425
edge of oaks & junipers	out pine	6000
Pinus ponderosa		6000
left forest 1015		7500
Quercus grisea	6000-top	
" texana (dark)	" - "	
" undulata (cana)	" - "	
" hypoleuca	1100-2000	
" neomexicana	shrub 5500-8700	
Populus tremuloides	7800-8000	
Cirsocarpus	6600-8700	
Philadelphia	6600-pink	
Arbutus	6000-	
Yucca	low	6600-8000
Potato		7000-top
Pinus strobus		8000-
Quercus	dwarf	2500-2700
Peaks - reading 8800		
on peaks		
Spurilia white spines		
Ceratonia siliqua		
* white spines		
Philadelphia		

Epione
Symphorecarpus
Rhamnus
Grewia
Celtis reticulata

Aug. 14 bolt to Valentine

Aug. 18 Valentine, L. P. M.

Butes & c. abn.
" swartzoni abn.
Curlew
Ravens abn
mainly lower Sonoran, uppers
on cold slopes.
Sierra Blanca

El Paso

Aug. 19 at El Pas.

Aug. 20 to Van Horn

Van HornPure Lower Sonoran

Prosopis juliflora abn
Acacia
Mimosa
Larrea abn
Robertina spinosa "
Baccharis B
 " F
Ephedra novadevis "
 " *trifurcate* "
Tournefortia "
Agave lechuguilla "
Yucca stricta "
 " *macrocarpa* "
Dasylinion on hills
Microseris, scarce
Ceanothus on hills
Lineophyllum "
Quercus - behind rocks
Garrea " "
Tiquilia berlandieri
Lippia
Pinus monophylla
Quercus angustifolia

On hills

Rhus trilobata
Philadelphus
Cirsocarpus microstachys
Teoma stans
Quercus grisea - spic.
 " undulate?
Garrya wrightii
Ceanothus
Fistulina angustifolia?
Juniperus a few "
Pinus - 1 next pines
Rhus virida
Chilopsis
Dasylinion
Nolana, a little,
Yucca - stout

Van Horn

Bartsenia few
Agelaius "
Calippa squamata
Zenaidura
Cathartes
Butis calurus
" swainsoni
Falco sparverius
Dryobates a. bairdi
Geococcyx "
Corvus cryptoleucus "
Molothrus
Calomospiza
Pooecia cassini
Chondestes
Amphispiza
Mimus polyglottos
Harporhynchus "
Campylorhynchus + nests com
Salpinctes on rocks
Catherpes
465, a. ^{Houston, Tex. June 23} Sabal adiantinum Raf. (book-
465, b. Morella cerifera
465, c. Rabiida

Plant Catalogue 1902

no.
466 Vaccinium "
com Jefferson, Tex. June 12,
" "
" "
" 467. Vaccinium
" Jefferson, Tex. June 12
" 468. Peris
com Jefferson, Tex. June 12
" 469. Xanthoxylum
nam. Kerrville, Tex. July 1.
com
470. Fern
com Kerrville, Tex. July 1.
abn
471. Adiantum capillus-veneris
Kerrville, Tex. July 1.
472. Ceanothus americanus
Kerrville, Tex. July 1.
465 d. ^{Convolvulus}
Sapines, Texas

473. *Mimosa*

Kerrville, Tex. July 1.

474. *Forestiera mucronata*

Kerrville, Tex. July 1.

475. *Mimosa*

Devils River, July 22

475a. *Mimosa*?

476. *Mimosa*

Devils R., July 22

476a. *Lindernia parva*

477. *Acacia constricta*?

Devils R., July 22.

477a. *Ceonothus*

478. *Spiraea pectinata*

478A. *Notholaena sinuata*

Devils River, Tex. July 23.

479 *Prunus*

Devils R., July 22.

479a. *Ephedra*

480. a, b, c d & g

Rhus mexicana

Pistach

Rio Grande, near Comstock

July 29.

481. *Oenothera*

Valentines, Tex. Aug. 12.

482. *Pineaphyton*?

Van Horn, Tex. July 23.

483. *Garrya Wrightii*

Van Horn, Tex. Aug. 23.

484. *Acacia*

Van Horn, Tex. Aug. 23.

485. *Guazuma grisea*?

Van Horn, Tex. Aug. 23

486. *Oenothera*

Zoph, (3 mi. N.W.) Aug. 29

486b. Mouth of Howard Creek

Cary

486a. *Ephedra*

Ft. Stockton, 10 mi. W. Cary

2000 ft

487. *Zosima?* 494. *Primula*
Salt Basin (W. of Guadalupe Mts.) *Orthocarpus*
Sept. 2. 1902. Tex. Sierra Blanca N.M. Sept. 12.

488. *Prosopis juliflora* 495. *Quercus?*
Toyon, Tex. Aug. 29. Sierra Blanca, N.M. Sept. 12

489. *Artemisia* 496. *Liatris punctata*
Guadalupe Mts., N. Mex. Sept. 4 496a. *Poa* ?
Logan, N.M. Sept. 23.

490. *Oxybaphus?* 497. *Musosa barbata*
Guadalupe Mts., N.M. Sept. 4. 497a. *C. Dicha* N.M.
C. Dicha

491. *Gutierrezia* 498. *Lesqepis* ?
Guadalupe Mts., N.M., Sept. 4. Logan, N.M. Sept. 23.

492. *Ribes* 499. *Prosopis* ?
Sierra Blanca, N.M. Sept. 12. Logan, N.M. Sept. 23
12 mds.

493. *Ribes* m 107500 see page 100.
Sierra Blanca, N.M. Sept. 12
2000 ft

Aug. 28. Toyah, 9:30
3000

Acacia constricta abn.
Prosopis 1
Acacia, big pods. -
Koristinia 1
Zizyphus " "
Touquiera - on hills
Condalia abn.
Rhus microphylla "
Baccharis "
Lycium "
Roan - 15 mi.

Juniperus
Opuntia arborescens
Microrhizum
Yucca macrorhiza

Camp at Cottonwoods
35 mi. 3800.

Aug. 29.

Mixed upper & lower elevations,
on ridge. 4400.
At Camp beyond Smith Ranch,
4000, - camp 30 mi.
Camp on Wayland Ranch
30 miles

Aug. 30 - 9 A.M.

1 mule - 2 blacktail -
Roan on Hall Ranch 4450
Pinus *humboldt*

Over escarpment 4900
Quercus 4975
Arbutus "

Camp at Canon 5250
Came 25 mi.

Aug. 31. 1st White 8500.
Melanocactus conothelos 2
Diosobates laevigatus 1
Arenocactus metacanthus 2
Phalaenophylax com

<i>Archibuteo ferrugineus?</i>	1
<i>Falco mexicanus</i>	2
" <i>spurrius</i>	
<i>Columba fasciata</i>	2
<i>Zenaidura?</i>	
<i>Pipilo arcticus?</i> ♀ 1	
" <i>insolens</i> ? com	
<i>Aenophila</i>	
<i>Parus gambeli</i>	
<i>Geothlypis nelsoni</i> 1	
<i>Vireo</i>	
<i>Lanius</i>	
<i>Postrupans fluterei</i> , or	
<i>Pianga hepatica</i> 2	
<i>Salt with</i>	com
<i>Catherpes</i>	2

Sep. 1. Over ridge, about 5300
down Guadalupe Canyon

Salt Lake Valley
Camp - in valley 4000,

Sep. 2. Camp 9 A.M. 3850^{ft.}
Bottom of valley about 3750
Lunch at N. Max. line, 3800.

Camp - 30 mi. 3800

Sep. 3. - Camp 7 A.M. 3800
Turnah 20 mi. 4100

Camp 15 mi. 4700
in Lower Sonoran

Sep. 4. Camp 9. 4400
Juniperus occidentalis 4750
Agave lechuguilla " "
Yucca low 4900
Nolina " "
Dasylinum "

<u>Upper Sonoran</u>	<u>beginning</u>	4700	<i>Garrea</i> , fuzzy	5400
end of <i>Larrea</i>		4750	<i>Pinus edulis</i>	5650
" <i>Zizyphus</i>		4650	<i>Quercus</i> - dwarf blue "	
" <i>Baccharis</i>		4750	<u>Camp</u> 10 mi. 6050	
" <i>Prosopis</i>		4650		
" <i>Lycium</i>		"		
" <i>Rhus microphylla</i>		5400	<u>Sept. 5. 9 AM</u>	6050
" <i>Toumiera</i>		5100	<u>Ridge</u>	6525
" <i>Yucca</i> spicata		"	<i>Pinus ponderosa</i>	"
" <i>Yucca</i> spicata		5100	<u>second ridge</u>	6625
<i>Atriplex canescens</i>	5400		<u>Down gulch to</u>	6300
			<u>Lunch</u> 15 mi. 6400	
			<i>Pseudotsuga</i> N.	7000
			<i>Quercus</i> 6600	"
<i>Artemisia larata</i>	4700		<u>Ridge</u>	7500
<i>Junipers</i>	5000		<u>Wet</u>	7200
<i>Tajacum pectinatum</i>	"		<u>Camp</u> - a mile below	7000
<i>Cucurbita foetidissima</i>	"		camp about 25 mi.	
<i>Garrea</i> fuzzy				
<u>Woods Lake</u> 7 mi.	5175		<u>Sept. 6</u> 9 AM	7800
<i>Artemisia frigida</i>	5400		Lunch	7000
" <i>frigida</i>	6100		top of ridge about	7300
<u>Lunch camp</u> - 3 mi.	5400		<i>Pineasco</i> Creek	6600
			<u>Camp</u> 12 mi. E. of Cloudcroft	7500

Sept. 7	Camp, 1 PM.	7500	Fork of Elk about 1800
	<i>Pinus strobus</i>	8000	Law Mill Elk Spr. - 8000.
	<i>Populus tremuloides</i>	-	
Deer		"	<u>Sept. 11</u>
		"	Elk Summit 9 mi. 8600
Picea	NE	"	Camp - 5 mi. 7300
Abies	"	"	
<u>Camp</u>		8700	<u>Sept. 12</u> Camp 7300
			Agency 6800
Sept. 8	Camp	"	
Claudcroft		9130	Summit 7850
Ridge		9300	
Camp - Silver Spr. Can.		8700	<u>Ruidoso</u> 6950
Sept. 9	Camp 12.	"	up Ruidoso Cr.
High Camp 6 mi.		8500	<u>Camp</u> 7300
<u>Truckee Camp</u>			
Sept. 10	Camp	8500	
Summit		8700	
Down N.W. canyon			
Transition begins		8000	
Entaniwas Mts. - first		7800	
<u>Agency</u>		7000	
out edge of upper Sonoran			

Sept. 13 up White Mts.

<u>Camp</u>	8:30	7200	<i>Cotinus aspergolia</i>	-9300
<i>Populus angustifolia</i>		-2000	<i>Rhus glabra?</i>	-8500
" <i>Tremulocidns</i>	8500-11000		<i>Rosa</i>	-9000
<i>Quercus aceroides</i>		-7000	<i>Salix cordata</i> var	-9200
<i>Ulmus grandiflora</i>	7200-9500		<i>Rubus</i> - Red raspberry	-9000
" <i>strawberryleaf</i>	"		<i>Fragaria</i> ^{small red} strawberry	-
<i>Fraxinus ornithis?</i>		-9200	<i>Potentilla</i> dark red	
<i>Pinus ponderosa</i> ^{SW.}		-9500	<i>Gleditsia neomexicana</i> , 8000-9000	
<i>Pinus edulis</i> ^{N.E.}		-7200	<i>Prunus</i>	-8400
" <i>strobiformis</i> ^{N.E. 7200-10000}		-7200	<i>Cretagus</i>	7500
<i>Pseudotsuga</i>	^{S.W.}	-11000	<i>Fragaria</i> spicosa	7500-10000
<i>Abies</i>		8000-9500?	<i>Eriogonum</i>	-12000
<i>Picea</i>		-	<i>Solidago</i> many species	
<i>Juniperus</i> <i>paucijuga</i>		-7300	<i>Aster</i>	
" <i>occidentalis</i>	- "	-	<i>Geranium</i>	
<i>Quercus</i> lobed leaf ⁷⁵⁰⁰⁻¹⁰⁰⁰⁰			<i>Pinus flexilis</i>	-9900
" <i>v. scrub</i>	-7500		<i>Picea</i> ⁷⁵⁰⁰⁻¹⁰⁰⁰⁰ <i>subatra</i> ⁷⁵⁰⁰⁻¹⁰⁰⁰⁰	at ¹²⁴⁰⁰ -12200
			<u>Peak</u> 12600. [11882]	
<i>Sambucus</i> big	7800-9500		<i>Silene acaulis?</i>	12600
<i>Spirea</i> - big	- "		<i>Arenaria</i>	"
<i>Ribes</i> <i>mescalensis</i>	7500-9900		<i>Ostrocarpus</i>	"
" <i>L. irreg?</i>	" -8200		<i>Sedum</i>	"
<i>Rhus</i> <i>trilobata</i>	-7500		<i>Ulmus</i>	"
			<i>Saxifrage</i>	"
			<i>Heuchera</i>	"
			<i>Eriogonum</i>	"
			<i>Ostrocarpus</i>	"
			<i>umbellifer</i>	"

<i>Cystothrix</i>	10,600	Lunch - 8 mi. below Andicosa, 6700
<i>Nuisipraga</i>	12000	<i>Pinus ponderosa</i> N.E. 6700-
<i>Anthus</i>	12600	<i>Yucca stricta</i> S.W. - 6700
<i>Myadestes</i>	12000	<i>Berberis</i> "
<i>Left horses</i>	9900	<i>Opuntia arborescens</i> S.W. "
<u>Highest timber, N.E.</u>	12200	<i>Yucca</i> like <i>engelmannii</i> " "
<u>Peak</u> 3 P.M.	12600	<i>Mimosa beaumontii</i> sp. 4-5
<i>Ribes cereum</i>	11000-12500	<u>Glenea</u> 4450
" <i>sanguineum</i>	-12000	<i>Mesquite</i> S.W. 6300
Back to creek	-9200	<i>Rhus microphylla</i> S.W. "
<u>Back to camp</u>	7700	<i>Pinus edulis</i> N.W. 6300-
<u>Sept. 14, Sunday</u>		<i>Juniperus</i> 2, " 6300-
<u>Sept. 15 - Camp</u> 8300	7650	<i>Lippia</i> S.W. - 6000
" <i>Winfields</i>	7400	<u>Camp</u> 30 mi. 6000
<u>Andicosa</u>	7300	<i>Touquini</i> S.W. "
<u>across Hondo</u>	6850	<u>Sept. 16 Camp, S.</u> 6000
<i>Juglans rupestris</i>	-7300	<u>Hondo</u> 1 mi. 6000
<i>Rhus mortonioides</i>	-7500	<u>Pinon</u> 6000
<i>Atriplex canescens</i>	- "	<u>Lunch</u> 5500

Left Hondo R. 5400 *Micromesistius*
Top of Mesa 5900 *Dipodomys spectabilis*
Dipodomys spec - Edge of Plain - Campbell
Camp 5000 *Quercus* - dwarf -
mainly Upper Sonoran
Sept. 17 Camp 9 5300 Elk

Roswell 4050

Out to W. Wilson's ranch.

Sept 21

Roswell 9:25 A.M.

Pecos R.

Mesquites - dwarf S.W.

Larrea S.W.

Zizyphus on banks

Atriplex canescens

Yucca stricta

Yucca, " plains & valley

Opuntia arborescens

~~Artemesia~~
~~woods~~

Kenner
Portales
Carmes
Berford
5 antelope
Dawn
Canyon City
9 antelope
Marillo 7 P.M.

Sept 22 Amarillo 8 a.m. 50 full blood

Thomomys " abn. 120 all told
Stenocilla " Cow + calf photographed $\frac{2}{3}$
Otocoris " buffalo cow + nearly full blood
Perognathus " 3 quarters blood yearling
Buteo swainsoni Cow. photographed.
Felocricus 1 herd of full bloods

Good crops of Sugarcane,

cotton,

Lepus melanotis

Washburn

Claude

Goodnight

Mosquitos in gashes

And *Setaria* abn

Amarillo

Las Vegas

Mosquitos. abn.

Channing

Greedy plains

Dalhart

Logan - dark

9 elk in in condition
apple, rad, locust

Milvus migrans one

Sept. 23 Logan

<i>Prosopis</i> - abn. S.W.	<i>Callipepla</i>	47
<i>Mimosa</i> (like <i>bimucronata</i>)	<i>Grococcyx</i> - reported	
<i>Balsa</i> ssp. S.W.	<i>Pipilo mesoleucus</i> 1	
<i>Psoralea</i>	" <i>chlorura</i> 1	
<i>Plus microphylla</i> "	<i>Talco mex-</i>	2
" <i>aromatica</i> , both sides	<i>Zenaidura</i>	
<i>Celtis</i> on rocks	<i>Otocoris</i>	co-
<i>Populus monilifera</i> , young	<i>longspurs</i>	"
<i>Salix</i> "	<i>Lairas</i>	1
<i>Juniperus</i> N.E.	<i>Salpinctes</i> - gg. & nest	
<i>Yucca glauca</i> , both slopes		
<i>Opuntia arborescens</i>		
" <i>Ulei</i> S.W.	<i>Tucumanari</i>	
<i>Castanopsis</i> , everywhere	<i>Mergulus</i> , still on.	
<i>Pistacia</i> ,		
<i>Verbena</i>		
<i>Dracunculus</i> tall		
<i>Solanum</i> this		
" yellow, prickly		

Logan

Passer domesticus

Jefferson, Tex.
Marshall
Joaquin
Lufkin
Huntington
Rockland
Beaumont
Houston
San Antonio
Centerville
Kerrville
Rock Springs?
Juno?
Canyon
Picos Bridge
Langtry
Valentine
Van Horn
Toyah
Roswell N.Mex.
Amarillo
Goodnight

Sept. 2 + - Santa Rosa, N.M.

Juniperus ^{monosperma} a juicy berry abn.
Pinus edulis "
Quercus ^{grisea} blue leaf, white oak
Erythroxylum
Populus monilifera
Prosopis pubiflora 2 slopes on.
Mimosa biuncifera, com.
Datura stramonium
Opuntia arborescens, com
" light-colored
" angustissima, a few S.E.
" " vulgaris" com
Crassula paniculata
" " latifolia" a few
Manisuris verparia "
Yucca glauca, com
" " baccata? a few
Antennaria a abn.
Rhus aromatica com
Mimosa borealis
Nolina texana, com
" " " "

Santa Rosa Sept. 24.

Cyanopterus ^{nest}
Sturnella neglecta, com
Salpinctes
Petrochelidon nests

Crotogomus ^{ills,}
Perodipus ^{Tobos & tracks}
Notomys ^{abu.}
Spizocorys grammurus com
Cyprinops
fibres ^{common}
Lepus ^{tracks}
" ^{rotated}
Præogn. ^{tracks}

8 AM
Sept. 25th Left Santa Rosia
Callville over.
Mosquitos - all along
Tucumcari

Togar

Saltair

Quayou

no mosquitos on prairies
short grass plains

Liberia

Cimarron

no mosquitos
Big meadows, Tules,
sloughs

Wheat fields

Perdiper

Sand dunes

lots of hay,
good ranches

Meade - dark

Sept. 24 Topeka daylight
Kansas City
Chicago 11:40 PM.

Sept. 27

Chicago 10:30 AM.

3 + 0

Refugee Ohio 3:00
(Telegraph)



8 AM
Sept. 25, left Santa Fe
Callville over.
Mesquite - all along
Tucumcari

Jordan

Bethel

Agnew

no mesquites or oaks
short grass plains

Liberal

Cimarron

no girls
Bison does, Turkeys,

W. & horses

Peru no

Sand dunes
lots of hay,
good ranches

Weeds - dark

Sept. 24 Topeka daylight
over. Kansas City
Chicago 12:40 PM.

Sept. 27

Chicago 10:10 AM.

B & O
Washington D.C. 3:30
(Telegraph)

Plant Catalogue 100

500. *Yucca baccata*

Davis Mts. Tex. Aug. 13.

501. *Yucca elata*

Valentines, Tex. Aug 15

502. *Yucca baccata*
Samuelsoniana

see photo. in 500

Van Horn, Tex. Aug. 23.

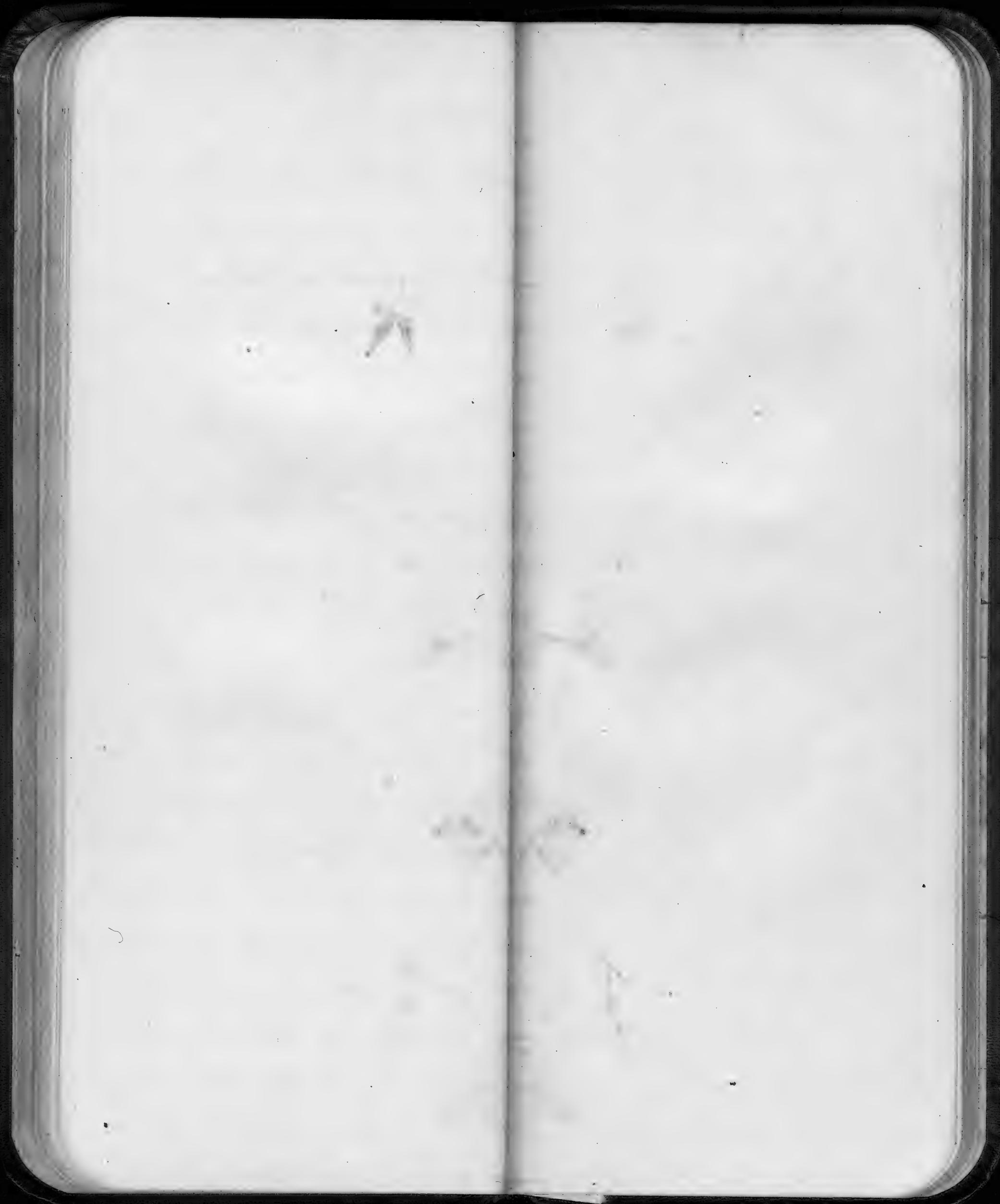
503. *Yucca baccata*

Guadalupe Mts., N. Mex. Sept. 4.

504. *Yucca baccata*

Guadalupe Mts. N. Mex. Sept. 4.

also fruit



















Welch Rabbit for 4.

one pound cheese, grated
or sliced thin.

Small cup of milk, boil,
then put in lump of butter,
some flour & water, one egg,
stir well & then put in
the cheese & melt.
Add mustard & a few
drops of Tabasco sauce
serve on toast.

Pagan Indians

White Calf - chief

Brocket

Little Plume

Bull Calf

Cream Antelope

Transportation orders

Washington to Jefferson.	33.50
Beaumont to San Antonio	8.75
San Antonio to Center Point	1.80
Langtry to Valentine	6.80
Valentine to El Paso	4.80
Roswell to Goodnight	8.50
Goodnight to Dalhart	4.05
Dalhart to Logan	2.40
Santa Rosa to Washington	48.60
	<hr/>
	120.20

Reimbursed

June	\$ 55.49
July	155.96
Aug.	149.15
Sept.	126.84
	<hr/>
	487.44

Total

120.20
<hr/>
607.64

E. S. Rogers, Stacyville, Me.

J. L. Janes, Ft. Davis, Tex.

M. A. Ernst, Boquillas, Tex.

F. L. Kelley - 706 - W 6th St. Austin.

Joseph Sitters, Boquillas, Tex.

H. W. Reynolds, Alpine, Tex.

R. H. Wright, Carlsbad.

W. M. McEwan, "

Albert Gonzales, Yelton

D. B. HUMPHREYS

Crumshaw, Ingram, Tex.

H. L. Wade, Rocksprings

J. S. Getting "maps to

H. Fleischer, Buckhorn Saloon
Rock Springs, Texas.

John Seawell, Comstock
Trapper & Fisher

E. B. Davis, ^{at High Bridge} Daughtry

Texas map to both

Texas fish to Seawell

C. O. Finley & family

Zora 81

Florence 6

Edwin 7

Mrs. Holan - 416 McGoffin Ave.

Rev.

J. M. Sedgwick, Toyah, Tex.

A. S. Cox, Van Horn, ^{P.M.}

J. B. Humphreys, Van Horn, Agent.

James A. Carroll - Agent
Crop zones Miscaulco, N.M.

C. W. Winfield, Rosedale

Charles Brewout Russell

W. L. Besse, Logan, N.M.
or Barroso

June, 1902.

July, 1902.

S	M	T	W	T	F	S	N	O	V	E	B	S
1	2	3	4	5	6							1
8	9	10	11	12	13	1	2	3	4	5	6	7
15	16	17	18	19	20	2	9	10	11	12	13	14
22	23	24	25	26	27	2	16	17	18	19	20	21
29	30	...	...	...	...	2	23	24	25	26	27	28

August, 1902.

S	M	T	W	T	F	S	N	O	V	E	B	S
...	...	...	...	...	1	1	2	3	4	5	6	8
3	4	5	6	7	8	14	15	16	17	18	19	20
10	11	12	13	14	15	1	21	22	23	24	25	26
17	18	19	20	21	22	2	28	29	30	31
24	25	26	27	28	29	30	1	28	29	30
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Earl Walker, Santa Rosa, N.M.

Mrs. W. E. Mc Segmott
~~Mc Segmott~~
~~Mc Segmott~~
or Liberal, Kansas

J. H. Beach, Van Horn, Tex.

Orlando, Tex.

Goldwater, 212

3313, N. Judd

L. J. Goldwater
Bedley, 2314, Princeton.

222?

